

June 1, 1990

Mr. Robert E. Swale, RPM Mail Code 5HS-11 U.S. EPA, Region V 230 South Dearborn Chicago, Illinois 60604

RE: Water Supply Sampling Locations

ACS Phase II RI/FS Griffith, Indiana Project # 60251

Dear Mr. Swale:

The approved Work Plan for the ACS Remedial Investigation indicates that up to ten water supply wells will be sampled during Phase II of the investigation. The plan includes collecting one upgradient sample, at least one sample from the houses along Reder Road (whether or not they are downgradient) and up to eight samples from other wells downgradient of the site.

Water level measurements from the lower aquifer monitoring wells, installed in March, indicate that groundwater flow in the lower aquifer is to the Northwest from the site. Warzyn has obtained water well records and logs for all wells in one-mile radius of the the site from the Indiana Department of Natural Resources and has plotted them on a topographic map. In addition, during April 1990, Warzyn conducted a door-to-door survey along Main Street in Griffith which runs west to east to the north of the site. The purpose was to verify the locations of wells discovered in DNR records and to identify any additional water supply wells.

Warzyn has identified six water supply wells within one mile of the site which it will be appropriate to sample. These include one upgradient well, three downgradient wells, and two wells along Reder Road to the East of the Griffith landfill. The addresses are listed below and plotted on the attached map. The available well logs are attached.

THE PERFECT BALANCE BETWEEN TECHNOLOGY AND CREATIVITY



DNR Log Number 36	Location Upgradient	Address 1009 S. Wood
3	Downgradient	at Keen Foundry
4	Downgradient	at Keen Foundry
8	Downgradient	at Ridge Park
40	East of Landfill	1033 Reder Road
46	East of Landfill	1043 Reder Road

Judging by our current progress with other site activities, I anticipate that we will be ready to collect the samples during the week of June 11, 1990. Paul Courtney, IDEM, has indicated that he would like to have a representative present during the sampling activities. I would appreciate it if you would review these sampling locations and give us approval to proceed by Thursday, June 7, 1990. I will need written notification for any change of locations.

Please do not hesitate to call me at 708/691-5058 if you have any questions.

Respectfully Submitted,

WARZYN ENGINEERING INC.

Peter J. Vagt, Ph.D. Project Coordinator

Enclosure

cc:

A. Perellis, PRPs Paul Courtney, IDEM

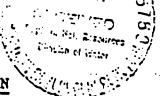
V251L32PJV/GEP

## WATER WELL RECORD

WELL LOCATION (Fill in completely - Refer to instruction sheet)
County in which well was drilled Safei Civil Township Calemet Jup
Driving directions to the well location: Include County Road Names, Numbers, Subdivision Name, lot number, distinctive
landmarks, etc.
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NAME OF WELL OWNER and/or BUILDING CONTRACTOR
Well Owner Keen Frankreig Address Min St. Siffith Inliana
Building Contractor Address
Name of Well Drilling Contractor: J. Turner & Lond Well & Cump Survey Line!
Name of Well Drilling Contractor J. Farner & Lord Well Climb Lewice Local.  Address -9703 Kennedy and - Sighland, Indiana 46322
No Spilling Friends
Name of Drilling Equipment Operator: Junio Januir
WELL INFORMATION
Diameter of casing or drive pipe: 4" Total Length: 55'
Diameter of liner (if used): Total Length:
Ameter of Screen:
Type of Well: Drilled Gravel Pack Driven Other
Use of Well: For Home For Industry For Public Supply Stock
Method of Drilling: Cable Tools Rotary Rev. Rotary I Jet Bucket Rig
Static water level in completed well (Distance from ground to water level)feet
Bailer Test: Hours Tested 4 Rate 40 g.p.m. Drawdown 15 ft. (Drawdown is the difference
Pumping Test: Hours Tested 4 Rate 30 g.p.m. Drawdown 10 ft. level at end of test)
Signature Adelma S. Anslikadi
Date 720v 29-1971
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## WATER WELL RECORD





## INFORMATION ON WELL LOCATION

County in which well was drilled:	Civil Township:
Congressional township: Range [Fill in as complete]	: Number of section:
Describe in your own words the well location wit	h respect to nearby towns, roads, streets
or distinctive landmarks:	TND.
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	to the state of th
Nam. of owner: KERN FOUNDRY	
Name of Well Drilling Contractor: SHEEH	Y WELL + PUMP CO.
Address: RR2 Box / CRD	MR LAKE THO
Name of Drilling Equipment Operator:	
INFORMATION	ON THE WELL
Completed depth of well: 8/ ft. Date wel	l was completed: June 28 1967
Diameter of outside casing or drive pipe:	
Diameter of inside casing or liner:	
D: ster of Screen: 8" Length:	
Type of Well: Drilled   Gravel Pack	Driven Other
Use of Well: For home   For industry	For public supply  Stock  Stock
Method of Drilling: Cable Tools ☐ Rotary ☒	Rev. Rotary Det Driven Driven
Static water level in completed well (Distance f	
Bailer Test: Hours tested 2 Rate 60 g.p.m	. Drawdown 15 ft. (Difference between
Pumping Test: Hours tested 4 Rate 175 g.p.m	static level and water.  Drawdown 58 ft. level at end of test)
	ture Thank Links L.
	JUN- 28 1967 V

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

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REMARKS:			Yes Yes Fi
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#### THETPHOTONS

This Water Well Record form is designed to record the most essential data-concerning a vater well. We request that you be as accurate as possible in recording this information as . t may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana epartment of Conservation.

# 57:425 405330

allens I Lagliardi

WATER WELL RECORD State Form 35680	Mail completed record within 30 days to: DIVISION OF WATER INDIANA DEPARTMENT OF NATURAL RESOURCES 505 STATE OFFICE BUILDING INDIANAPOLIS, INDIANA 46204
WELL LOCATION (Fill in completely)	PHONE (317) 232-4160
ounty where drilled	OWNER CONTRACTOR
wil Township	Well owner
Ross Jup	Lake Count Parks + Recution Dept.
Driving directions to the well location finclude county road names, numbers, sub- divisions, lot number with consideration to intersecting roads and trip origina- tion) There is space for a map on reverse side.	Address 301 S. Berfay St- Suffith - Ind. 46219 Building contractor
location well	Drilling contractor
	Address 9763 Hennedy Cive - Dightend - Ini, Equipment operator
Co. Parks Dept is:	9763 Hennedy Cive - Diglend - Inc.
Occur to it it	Donald R. Jarmer
	Completion date  Caux. 24-1983
CONSTRUCTION DETAILS	
Type of well:  DO Drilled Gravel pack Oriven Other	WELL LOG
Use of well:	Formations: type of material From To
☐ Home ☐ Industry ☐ Test ☐ Imigation	Black Dit 0 n 10 n
Public supply Stock Other (specify)	Blue Clay 10 30
☐ Cable tool ☐ Rotary ☑ Jet ☐ Rev. rotary ☐ Sucket rig  Casing length ☐ Diameter	Fine Sand 30 35
54ff. feet 21 inches Sch. angth Diameter 4 Ut. feet /1/41 inches	Mean Course Sinc 36 58
Screen slot size	
066 Depth of pump setting	
Type of pump	
Submersible Shallow- Deep-well Sther Shallow- Start Junes	
••	
WELL CAPACITY TEST	
Check one)  Bailing Pumping	
Test rate	
Statuc level depth to water) 3 feet	
Water quality (clear, cloudy, odor, etc.)	
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	(Additional space for Well Log on reverse side)
	10212

FOR ADMINISTRATIVE USE ONLY (Well driller does not fill out) Topo map Subdivision name Ground elevation FI. W of EL Field located Depth to bedrock Ft. N of SL Bedrock elevation Courthouse location 000 FI. E of WL Вy Location accepted w/o verification by Aquiler elevation FI. S of NL location. WELL LOG **SKETCH SHOWING LOCATION** Locale with reference to highways, intersecting county roads, and distinctive landmarks. (Continued from front side) Formations: type of material From To 11

### DIVISION OF WATER

DIVISION OF WATER DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA
STATE OFFICE BUILDING  With author indianapolis, Indiana 46204
Telephone 633-5267 Area Code 317
OH 32 WATER WELL RECORD W S
WELL LOCATION (Fill in completely - Refer to instruction sheet)
County in which well was drilled Jake Countif Civil Township Column to Diff
Driving directions to the well location: Include County Road Names, Numbers, Subdivision Name, lot number, distinctive landmarks, etc.
NAME OF WELL OWNER and/or BUILDING CONTRACTOR
Well Owner Line With Address A. Ward Street Suffer See
Building Contractor Address
Name of Well Drilling Contractor J. Jarne + And Well & Pump Service
Address 9703 Kennedy ave - Elijkland Andiena 46322
Name of Drilling Equipment Operator: Donald Garmen
WELL INFORMATION
pth of well: 53ft - Date well was completed: June 5-1973
Diameter of casing or drive pipe: 3" Total Length: 48"
Diameter of liner (if used): Total Length:
Diameter of Screen: 1/2" Length: 5ft. Slot Size: .006
Type of Well: Drilled Gravel Pack Driven Other
Use of Well: For Home 🗗 🖰 For Industry 🗌 For Public Supply 🔲 Stock 🔲
Method of Drilling: Cable Tools Rotary Rev. Rotary I Jet Bucket Rig
Static water level in completed well (Distance from ground to water level)feet
Bailer Test: Hours Tested 2 Rate 12 g.p.m. Drawdown of ft. (Drawdown is the difference
Pumping Test: Hours Tested 2 Rate 10 g.p.m. Drawdown 6 ft. between static level and water level at end of test)
Signature accens J. Lagliardi - Ten.
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